

does the process of analysis stop here. In the light of consciousness we perceive and regard as properties the fundamental links between one impression and another, by which we instinctively weave our impressions together. These links are idealized into relationships in space, in number, in appearance, or in sequence. so we obtain conceptions of geometry, of arithmetic, of classification, of logic, and of cause and effect. These conceptions, refined again and again by this process of discrimination, yield us the materials for the most abstract investigations of science and philosophy. By this dissection of properties we perceive, for instance, the relations which are expressed by grammatical sentences: we analyse an occurrence into agent (nominative) action (verb), and affected (accusative), and apprehend the various conditions, qualifications, and possibilities that are expressed by varying the verb in mood and tense, and by the use of adverbs, prepositions, and conjunctions. We can trace the process of this analysis by observing its imperfections amongst backward races. Some of the indigenous tribes of South America have never completed the dissection from which the verb emerges: they have, for instance, a word for washing clothes, but none for washing in the abstract.

But man would have remained as dumb as the brutes had conscious reason not brought

him to perceive the property of symbols and to understand that a thing may be represented by a sound, a gesture, or a sign, which is not inseparably connected with it, but can be dissociated from it if we please. In primitive stages of reason, symbol and object are merged indissolubly together : to a terrier the word "rats" is linked inseparably with the memory